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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/781,575	02/12/2001	Christopher R. Spejna	550134-077-1	9726

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EXAMINER

TALBOT, BRIAN K

ART UNIT	PAPER NUMBER
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1762

DATE MAILED: 07/01/2003

60

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/781,575

Applicant(s)

SPEJNA, CHRISTOPHER R.

Examiner

Brian K Talbot

Art Unit

1762

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 May 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,5-13 and 17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,5-13 and 17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 9.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

Art Unit: 1762

1. The amendment filed 5/6/03 has been considered and entered. Claims 2-4, 14-16 and 18-21 have been canceled. Claims 1, 5-13 and 17 remain in the application.
2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
3. In light of the amendment filed 5/6/03, the objection to the specification has been withdrawn. In addition, the resubmission of the IDS, has been received and a copy is being attached hereto.

Claim Rejections - 35 USC § 103

4. Claims 1, 5-13 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Faraoni et al. (5,401,531) or Arakawa (5,024,857) in combination with Metzger (4,336,279).

Faraoni et al. (5,401,531) or Arakawa (5,024,857) teach coating systems and methods for coating armatures by a trickle impregnation process. The workpiece is preheated prior to contacting with the resin coating and subsequently the coated workpiece is heated to cure the resin coating thereon. This heating step is performed in an oven or by radiant heating means. The workpiece is rotated during the coating process.

Faraoni et al. (5,401,531) or Arakawa (5,024,857) fail to teach a heated gas flow with a velocity of greater than 500 fpm instead of an oven.

Metzger (4,336,279) teaches an apparatus and coating process for drying and curing resin coatings. The drying and curing process utilized high velocity heated air to cure the coatings on a substrate. The temperature of the heated air can vary depending upon the coating, substrates, etc but is about 175°C and the velocity, which also varies, can be between 6,000-8,000 fpm (col. 5, lines 20-35).

Therefore it would have been obvious for one skilled in the art at the time the invention was made to have modified Faraoni et al. (5,401,531) or Arakawa (5,024,857) process by substituting a high velocity hot air drying step for the ovens as evidenced by Metzger (4,336,279) with the expectation of achieving a faster and more economical drying step.

Response to Amendment

5. Applicant's arguments filed 5/6/03 have been fully considered but they are not persuasive.

Applicant argued that the combination of art teaches using the "high flow air" to cure the coating and not for "preheating" the substrate prior to coating.

The Examiner agrees in part. While the reference teaches utilizing the hot air flow for curing, the primary reference (Faraoni et al. 5,401,531) teaches utilizing air flows for preheating (col. 3, lines 38-48). Hence, it is the Examiner's position that the Metzger (4,336,279) reference reheating high velocity hot air could be substituted for the "preheating air flow" of (Faraoni et al. 5,401,531) with the expectation of achieving similar success.

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian K Talbot whose telephone number is (703) 305-3775. The examiner can normally be reached on Monday-Friday 6AM-3PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Shrive P Beck can be reached on (703) 308-2333. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9310 for regular communications and (703) 872-9311 for After Final communications.

Application/Control Number: 09/781,575

Page 5

Art Unit: 1762

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3775.



Brian K Talbot
Primary Examiner
Art Unit 1762

BKT
June 30, 2003